Title (en)

SIMPLIFIED SUB-PREDICTION UNIT (SUB-PU) MOTION PARAMETER INHERITENCE (MPI)

Title (de)

VEREINFACHTE BEWEGUNGSPARAMETERVERERBUNG (MPI) FÜR SUBPRÄDIKTIONEINHEIT (SUB-PU)

Title (fr)

HÉRITAGE DE PARAMÈTRE DE MOUVEMENT (MPI) DE SOUS-UNITÉ DE PRÉDICTION SIMPLIFIÉE (SUB-PU)

Publication

EP 3114839 A4 20180214 (EN)

Application

EP 14884610 A 20140307

Priority

CN 2014073039 W 20140307

Abstract (en)

[origin: WO2015131387A1] This disclosure describes techniques for simplifying depth inter mode coding in a three-dimensional (3D) video coding process, such as 3D-HEVC. The techniques include generating a motion parameter candidate list, e.g., merging candidate list, for a current depth prediction unit (PU). In some examples, the described techniques include determining that a sub-PU motion parameter inheritance (MPI) motion parameter candidate is unavailable for inclusion in the motion parameter candidate list for the current depth PU if motion parameters of a co-located texture block to a representative block of the current depth PU are unavailable. In some examples, the described techniques include deriving a sub-PU MPI candidate for inclusion in the motion parameter candidate list for the current depth PU only if a partition mode of the current depth PU is 2Nx2N.

IPC 8 full level

H04N 19/50 (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP US)

H04N 19/52 (2014.11 - EP US); **H04N 19/53** (2014.11 - US); **H04N 19/533** (2014.11 - US); **H04N 19/54** (2014.11 - US); **H04N 19/543** (2014.11 - US); **H04N 19/56** (2014.11 - US); **H04N 19/587** (2014.11 - US); **H04N 19/59** (2014.11 - US); **H04N 19/597** (2014.11 - EP US); **H04N 19/70** (2014.11 - EP); H04N 2013/0085 (2013.01 - US); H04N 2213/005 (2013.01 - US)

Citation (search report)

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- See references of WO 2015131387A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2015131387 A1 20150911; CN 106105212 A 20161109; EP 3114839 A1 20170111; EP 3114839 A4 20180214; US 10567799 B2 20200218; US 2016366442 A1 20161215

DOCDB simple family (application)

CN 2014073039 W 20140307; CN 201480076680 A 20140307; EP 14884610 A 20140307; US 201415119057 A 20140307